

Abstract of the DisclosureSub
201CONDITIONAL INSTRUCTION EXECUTION IN A COMPUTER

A computer system is disclosed capable of conditionally carrying out an operation defined in a computer instruction. The computer instruction is implemented on so-called packed operands, that is operands containing a plurality of packed objects in respective lanes. An operation defined in the computer instruction is conditionally carried out in dependence on stored condition values which determine for each lane whether or not the operation is to be executed on objects in that lane.

An execution unit for a computer system, a computer system and a method of executing instructions are defined.